

SECTION VI.—BIBLIOGRAPHY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological and seismological work and studies:

- Anfossi, Giovanni.** Per la misura delle precipitazioni in montagna. 7 p. 32 cm. (Estratto da "l'Elettrotecnica," giornale ed atti dell'Associazione elettrotecnica italiana, 15 aprile 1915, anno 2, n°. 11.)
- Batavia. K. Magnetisch en Meteorologisch observatorium.** Regenwaarnemingen in Nederlandsch-Indië, 36 jaargang, 1914. Batavia. 1915. 2 v. 26½ cm.
- Birge, Edward A.** The heat budgets of American and European lakes. (*In* Wisconsin academy of sciences, arts, and letters. Transactions. Madison. 1915. v. 18, pt. 1, p. 166-213.)
- British Guiana. Department of science and agriculture.** Report on meteorology for the calendar year 1914. n. p. [1915.] 14 p. 34 cm.
- Colombo observatory.** Memoirs. No. 1. On the intensity of rainfall experienced in Ceylon. By A. J. Bamford. Colombo. 1914. 7 p. 3 pl. 33½ cm.
- Memoirs. No. 2. Summary of barometric observations, 1870-1913. By A. J. Bamford. Colombo. 1914. 8 p. 33½ cm.
- Croydon natural history and scientific society.** Report of the Meteorological committee, 1915. (*In* Proceedings & transactions of the Society. Croydon. 1915/16. v. 8, pt. 2, p. 97 ffg.)
- Denmark. Meteorologiske Institut.** Nautisk meteorologisk Årbog. Nautical meteorological annual. 1915. In Danish and English. Kjøbenhavn. 1916. L, 169 p. plates. 31 cm.
- Fox, John A.** Mississippi River flood problem. How the floods can be prevented. [Memphis.] 1915. 63 p. 31½ cm. (Prepared by the Mississippi River levee association.)
- Gallé, P. H.** On the relation between fluctuations in the strength of the trade winds of the North-Atlantic Ocean in summer and departures from the normal of the winter temperature in Europe. 14 p. plate. 26½ cm. (Reprinted from: K. Akad. van wetenschappen te Amsterdam, Proceedings, v. 18, n°. 9.)
- Geneva. Observatoire.** Observations météorologiques faites aux fortifications de Saint-Maurice pendant l'année 1914. Résumé par Raoul Gautier et Ernest Rod. Genève. 1915. 56 p. 22½ cm. (Extrait des Archives des sciences physique et naturelles, nov. 1914, mars, avril, juin et déc. 1915.)
- Résumé météorologique de l'année 1914 pour Genève et le Grand Saint-Bernard, par Raoul Gautier. Genève. 1915. 104 p. 22½ cm. (Tiré des Archives des sciences de la Bibliothèque universelle, août et sept. 1915.)
- Great Britain. Meteorological office.** The marine observer's handbook. London. 1915. iv, 139 p. plates. 23½ cm. (M. O. 218.)
- Hall, Maxwell.** Notes of hurricanes, earthquakes, and other physical occurrences in Jamaica up to the commencement of the Weather service, 1880, with brief notes in continuation to the end of 1915. Kingston. 1916. 8 p. 33½ cm. (Jamaica. Meteorological service. Publication] no. 455.)
- Havana. Observatorio del Colegio de Belén.** [Observaciones meteorológicas.] Año de 1915. Habana. 1916. 3 p. l., 15 p. tables. 36½ cm.
- International catalogue of scientific literature.** F. Meteorology. 13th annual issue. London. 1916. viii, 137 p. 22½ cm. (Published for the International council by the Royal society of London.)
- Lee, Frederic S., & Scott, Ernest L.** The action of temperature and humidity on the working power of muscle and on the sugar of the blood. p. 486-501. 26 cm. (Reprinted from the American journal of physiology, v. 40, May, 1916.)
- Mississippi River commission.** Stages of the Mississippi River and its principal tributaries, for 1915. St. Louis. 1916. lxv, 79 p. 23 cm.
- Mitchell, A[Alexander] J.** Florida summers and elsewhere. (*In* Florida farmer and home-seeker. Jacksonville. July, 1916. p. 197.)
- Mizusawa. International latitude observatory.** Annual report of the meteorological and the seismological observations for the year 1915. Mizusawa. 1916. 43 p. 30 cm.
- Mysore. Meteorological department.** Meteorology in Mysore for 1914. 22d annual report. By N. Venkatesa Iyengar. Bangalore. 1916. xi, 56 p. plate. 31 cm.
- Netherlands. K. Meteorologisch instituut.** Jaarboek. Annuaire. 66 jaargang. 1914. A & B. [In Dutch and French.] Utrecht. 1915. 2 pts. 32½ cm. ([Pub.] nos. 97 & 98.)
- Oceanographische en meteorologische waarnemingen in den Indischen Oceaan. September, October, November (1856-1914). Tabellen & kaarten. [In Dutch and French.] Utrecht. 1915. xi, 240 p. & atlas of 25 pl. 33 cm., atlas 37 x 57 cm. ([Pub.] no. 104.)
- Ouweders, optische verschijnselen, enz., in Nederland, 1913, deel 34. Amsterdam. 1915. 133 p. plate. 23½ cm. ([Pub.] no. 81.)
- Norway. Meteorologiske institut.** Aarsberetning, for budgetaaret 1. juli 1914 til 30. juni 1915. Utgit av N. J. Føyn. Kristiania. 1915. 9 p. 22½ cm.
- Jahrbuch für 1915. Kristiania. 1916. xi, 140 p. 33 cm.
- Nedbørstidsserier i Norge. Aargang 21, 1915. Kristiania. [1916.] xi, 66 p. map. 37½ cm.
- Osaka meteorological observatory.** Annual report for the year 1915. Part 1. Meteorological observations in Osaka, 1915. Osaka. 1916. 6, 139 p. plates. 26 cm.
- Robinson, Edward Van Dyke.** Early economic conditions and the development of agriculture in Minnesota. Minneapolis. 1915. v. 306 p. 34½ cm. (University of Minnesota. Studies in the social sciences, no. 3.) [Climate of Minnesota, p. 11-26.]
- Roper, D. W.** Studies in lightning protection on 4,000-volt circuits. p. 817-855. 23 cm. (Presented at the 33d annual convention of the American institute of electrical engineers, Cleveland, O., June 27-30, 1916. Subject to final revision for the Transactions.)
- Spafford, Russell B.** The effect of climate and soil upon agriculture. 23 p. 23½ cm. (Reprinted from the University studies, Lincoln, Nebraska, 1916.)
- Suen, S. T.** The causes of rainfall and floods in China. (*In* The Chinese students' monthly. Ithaca, N. Y. March, 1915. v. 10, p. 365-377.) [Abstract in this REVIEW, p. 298.]
- Talman, Charles Fitzhugh.** The weather. (*In* the Mentor. New York. July 1, 1916. Serial no. 110, p. 1-11.) [Accompanied by 6 photogravures, each bearing on its reverse side a meteorological monograph prepared by the editorial staff of the Mentor association.]
- Townsend, C[urtis] McD.** The currents of Lake Michigan and their influence on the climate of the neighboring states. (*In* Journal of the Western society of engineers. Chicago. April, 1916. v. 21, p. 293-309. plate.)
- U. S. House of representative. Committee on flood control.** Hearings . . . on floods of the lower Mississippi River. March 8-15, 1916. Washington. 1916. 373 p. 23 cm.
- Hearings . . . on floods of the Sacramento River. April 5, 1916. Washington. 1916. 57 p. map. 23 cm.
- Hearings . . . on [the Newlands-Broussard-Rainey river regulation bill] to provide for flood prevention and mitigation, and for the storage of flood waters, [etc.] March 31, April 1-4, 1916. Washington. 1916. 2 pts. 23 cm.
- Upsala. Observatoire météorologique de l'Université.** Bulletin mensuel. v. 47, année 1915. Upsala. 1915-16. 74 p. 34 cm.
- Walker, Gilbert T.** Memorandum regarding the probable amount of monsoon rainfall in 1916. Simla. 1916. 3 p. 33½ cm. [Published by the Indian meteorological department.]